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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	
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Baldomero M. OLIVERA et al.	)	
	)	
Serial No. 10/072,602	)	Examiner: Unknown
	)	
Filed: February 11, 2002	)	Group Art Unit: 1646
	)	
For: CONE SNAIL PEPTIDES	)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith copies of the following publications that the Office may wish to consider in examination of the subject application. The publications are also listed on the attached form PTO-1449.

Serial No. 10/072,602

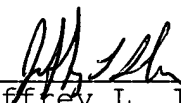
August 18, 2003

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This Information Disclosure Statement is being filed prior to issuance of an Action on the merits, and therefore no fee or certification is necessary.

Respectfully submitted,

By

  
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Dated: 19 August 2003

# INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

Complete if Known

Application Number 10/072,602  
 Filing Date February 11, 2002  
 First Named Inventor Baldomero M. OLIVERA  
 Group Art Unit 1646  
 Examiner Name  
 Attorney Docket Number 2314-249

Sheet

of

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### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
		4,447,356		Olivera et al.	05/08/1984
		5,432,155		Olivera et al.	07/11/1995
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		6,153,738		Jacobsen et al.	11/28/2000
		6,265,541	B1	Olivera et al.	07/24/2001
		6,268,473	B1	Olivera et al.	07/31/2001
		6,441,132	B1	Jimenez et al.	08/27/2002

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind <sup>5</sup> Code (if known)			
		WO	98/03189	A1	Cognetix, Inc.	01/29/1998	
		WO	99/30732	A1	Univ. Utah Research Found., et al.	06/24/1999	
		WO	00/23092	A1	Cognetix, Inc., et al.	04/27/2000	
		WO	00/46371	A1	Univ. Utah Research Found., et al.	08/10/2000	
		WO	00/44776	A1	Univ. Utah Research Found., et al.	08/03/2000	
		WO	02/07750	A1	Cognetix, Inc., et al.	01/31/2002	

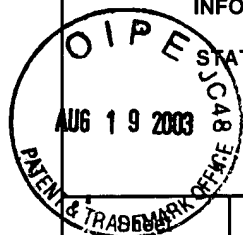
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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First Named Inventor	Baldomero M. OLIVERA
Group Art Unit	1646
Examiner Name	
Attorney Docket Number	2314-249

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		CRUZ, Lourdes J., et al. (1985). "Conus geographus Toxins That Discriminate between Neuronal and Muscle Sodium Channels," <i>J. Biol. Chem.</i> <b>260</b> (16):9280-9288.	
		HOPKINS, Chris, et al.. (1995). "A New Family of Conus Peptides Targeted to the Nicotinic Acetylcholine Receptor," <i>J. Biol. Chem.</i> <b>270</b> (38):22361-22367.	
		JACOBSEN, Richard, et al. (1997). "Differential Targeting of Nicotinic Acetylcholine Receptors by Novel $\alpha$ A-Conotoxins," <i>J. Biol. Chem.</i> <b>272</b> (36):22531-22537.	
		JACOBSEN, Richard, et al. (1999). "Critical Residues Influence the Affinity and Selectivity of $\alpha$ -Conotoxin MI for Nicotinic Acetylcholine Receptors," <i>Biochem.</i> <b>38</b> (40):13310-13315, 1999.	
		JIMENÉZ, Elsie C., et al. (1996). "Contryphan Is a D-Tryptophan-containing Conus Peptide," <i>J. Biol. Chem.</i> <b>271</b> (45):28002-28005.	
		JONES, Robert M., et al. (2000). "Conotoxins--New Vistas for Peptide Therapeutics," <i>Curr. Pharm. Design</i> <b>6</b> (12):1249-1285.	
		JONES, Robert M., et al. (2000). "Conus peptides--Combinatorial chemistry at a cone snail's pace," <i>Curr. Op. Drug Discov. Devel.</i> <b>3</b> (2):141-154.	
		McINTOSH, J. Michael, et al. (1999). "Conus Peptides as Probes for Ion Channels," <i>Meth. Enzymol.</i> <b>294</b> :605-624.	
		NADASDI, Laszlo, et al. (1995). "Structure--Activity Analysis of a Conus Peptide Blocker of N-Type Neuronal Calcium Channels," <i>Biochem.</i> <b>34</b> (25):8076-8081.	
		OLIVERA, Baldomero M., et al. (1985). "Peptide Neurotoxins from Fish-Hunting Cone Snails," <i>Science</i> <b>230</b> :1338-1343.	
		OLIVERA, Baldomero M., et al. (1990). "Diversity of Conus Neuropeptides," <i>Science</i> <b>249</b> :257-263.	
		VENEMA, Virginia J., et al. (1992). "Antagonism of Synaptosomal Calcium Channels by Subtypes of $\omega$ -Agatoxins," <i>J. Biol. Chem.</i> <b>267</b> (5):2610-2615.	
		WALDMEIER, Peter C., et al. (1995). "Effects of the putative P-type calcium channel blocker, R,R-(-)-daurisolone on neurotransmitter release," <i>Naunyn-Schmiedeberg's Arch Pharmacol.</i> <b>352</b> :670-678.	
Examiner Signature		Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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